

**IN THE CLAIMS:**

Please amend the claims as follows, substituting any amended claim(s) for the corresponding pending claim(s):

1 **AZ** 1. (Amended) A method for web-based control of a legacy telephone system, comprising:  
2 enabling a legacy call server coupled to the telephone system to communicate with a web  
3 application;  
4 using the web application to control the legacy call server;  
5 enabling a legacy telephony device to communicate with the web application; and  
6 using the web application to control the legacy telephony device.

1 2. (Amended) The method of claim 1, wherein enabling the legacy call server to  
2 communicate with the web application includes:  
3 providing a communication channel between the legacy call server and the web application;  
4 and  
5 translating data transferred between the legacy call server and the web application.

1 3. (Amended) The method of claim 2, wherein providing a communication channel includes:  
2 using a user proxy server to control access to the legacy call server.

1 4. (Amended) The method of claim 1, wherein using the web application to control the  
2 legacy call server includes:

3 sending a call control command to the legacy call server.

1 5. (Amended) The method of claim 1, wherein using the web application to control the  
2 legacy call server includes:

3 sending a service control command to the legacy call server.

1 6. (Amended) The method of claim 1, wherein enabling a legacy telephony device to  
2 communicate with the web application includes:

3 providing a communication channel between the legacy telephony device and the web  
4 application; and

5 translating data transferred between the legacy telephony device and the web application.

1 7. (Amended) The method of claim 6, wherein translating data transferred between the  
2 legacy telephony device and the web application comprises:

3 converting web application data to a legacy telephony device data format; and

4 converting legacy telephony device data to a web API data format.

1 8. (Unchanged) The method of claim 1, further comprising:  
2 using a telephony device abstraction.

A3 9. (Amended) The method of claim 8, wherein using a telephony device abstraction includes:  
using an abstraction for a class of telephony devices.

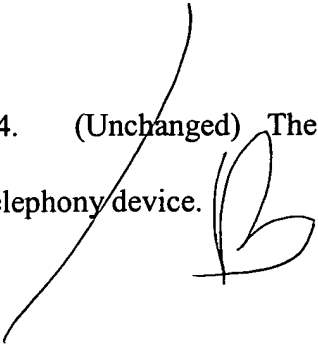
1 10. (Unchanged) The method of claim 1, further comprising:  
2 routing data transferred between the legacy telephony device and the web application; and  
3 arbitrating access to the legacy telephony device.

1 11. (Unchanged) The method of claim 1, further comprising:  
2 providing a service plugin.

1 12. (Unchanged) The method of claim 11, further comprising:  
2 providing an execution environment for the service plugin.

1 13. (Unchanged) The method of claim 1, further comprising:  
2 mapping the data to a legacy telephony device resource.

1 14. (Unchanged) The method of claim 1, wherein the web application is an interface to a  
2 telephony device.



1 15. (Amended) An apparatus for web-based control of a legacy telephone system, comprising:  
2 A4 means for enabling a legacy call server coupled to the telephone system to communicate with  
3 a web application;  
4 means for using the web application to control the legacy call server;  
5 means for enabling a legacy telephony device to communicate with the web application; and  
6 means for using the web application to control the legacy telephony device.

1 16. (Unchanged) The apparatus of claim 15, wherein means for enabling the legacy call server  
2 to communicate with the web application includes:  
3 means for providing a communication channel between the legacy call server and the web  
4 application; and  
5 means for translating data transferred between the legacy call server and the  
6 web application.

1 17. (Unchanged) The apparatus of claim 16, wherein the means for providing a communication  
2 channel includes:  
3 means for using a user proxy server to control access to the legacy call server.

1 18. (Unchanged) The apparatus of claim 15, wherein the means for using the web application  
2 to control the legacy call server includes:

3 means for sending a call control command to the legacy call server.

1 19. (Unchanged) The apparatus of claim 15, wherein the means for using the web application  
2 to control the legacy call server includes:

3 means for sending a service control command to the legacy call server.

1 20. (Amended) The apparatus of claim 15, wherein the means for enabling a legacy telephony  
2 device to communicate with the web application includes:

3 means for providing a communication channel between the legacy telephony device and the  
4 web application; and

5 means for translating data transferred between the legacy telephony device and the web  
6 application.

1 21. (Amended) The apparatus of claim 20, wherein the means for translating data transferred  
2 between the legacy telephony device and the web application comprises:

3 means for converting web application data to a legacy telephony device data format; and

4 means for converting legacy telephony device data to a web API data format.

1 22. (Unchanged) The apparatus of claim 15, further comprising:  
2 means for using a telephony device abstraction.

1 23. (Unchanged) The apparatus of claim 22, wherein the means for using a telephony device  
2 abstraction includes:  
3 means for using an abstraction for a class of telephony devices.

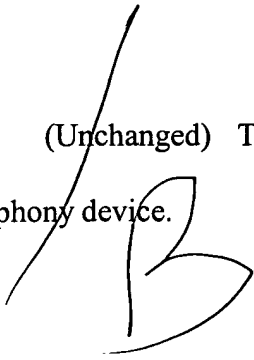
1 24. (Unchanged) The apparatus of claim 15, further comprising:  
2 means for routing data transferred between the legacy telephony device and the web  
3 application; and  
4 means for arbitrating access to the legacy telephony device.

1 25. (Unchanged) The apparatus of claim 15, further comprising:  
2 means for providing a service plugin.

1 26. (Unchanged) The apparatus of claim 25, further comprising:  
2 means for providing an execution environment for the service plugin.

1 27. (Unchanged) The apparatus of claim 15, further comprising:  
2 means for mapping the data to a legacy telephony device resource.

1 28. (Unchanged) The apparatus of claim 15, wherein the web application is an interface to a  
2 telephony device.





1 29. (Amended) A computer program product comprising:

2 *AL* a computer usable medium having computer readable code embodied therein for web-based

3 control of a legacy telephone system, including:

4 computer readable code for causing a computer to enable a legacy call server coupled to the  
5 telephone system to communicate with a web application;

6 computer readable code for causing a computer to use the web application to control the  
7 legacy call server;

8 computer readable code for causing a computer to enable a legacy telephony device to  
9 communicate with the web application; and

10 computer readable code for causing a computer to use the web application to control the  
11 legacy telephony device.

1 30. (Unchanged) The computer program product of claim 29, wherein the computer readable  
2 code for enabling the legacy call server to communicate with the web application includes:

3 computer readable code for providing a communication channel between the legacy call  
4 server and the web application; and

5 computer readable code for translating data transferred between the legacy call server and  
6 the web application.

1 31. (Unchanged) The computer program product of claim 30, wherein the computer readable  
2 code for providing a communication channel includes:

3 computer readable code for using a user proxy server to control access to the legacy call  
4 server.

1 32. (Unchanged) The computer program product of claim 29, wherein the computer readable  
2 code for using the Web application to control the legacy call server includes:

3 computer readable code for sending a call control command to the legacy call server.

1 33. (Unchanged) The computer program product of claim 29, wherein the computer readable  
2 code for using the web application to control the legacy call server includes:

3 computer readable code for sending a service control command to the legacy call server.

1 A7 34. (Amended) The computer program product of claim 29, wherein the computer readable  
2 code for enabling a legacy telephony device to communicate with the web application includes:

3 computer readable code for providing a communication channel between the legacy  
4 telephony device and the web application; and

5 translating data transferred between the legacy telephony device and the web application.

1 35. (Amended) The computer program product of claim 34, wherein the computer readable  
2 code for translating data transferred between the legacy telephony device and the web application  
3 comprises:

4 computer readable code for converting web application data to a legacy telephony device data  
5 format; and

6 computer readable code for converting legacy telephony device data to a web  
7 API data format.

1 36. (Unchanged) The computer program product of claim 29, further comprising:  
2 computer readable code for using a telephony device abstraction.

1 37. (Unchanged) The computer program product of claim 36, wherein the computer readable  
2 code for using a telephony device abstraction includes:

3 computer readable code for using an abstraction for a class of telephony devices.

1 38. (Unchanged) The computer program product of claim 29, further comprising:

2 computer readable code for routing data transferred between the legacy telephony device and  
3 the web application; and

4 computer readable code for arbitrating access to the legacy telephony device.

1 39. (Unchanged) The computer program product of claim 29, further comprising:

2 computer readable code for providing a service plugin.

1 40. (Unchanged) The computer program product of claim 39, further comprising:

2 computer readable code for providing an execution environment for the service plugin.

1 41. (Unchanged) The computer program product of claim 29, further comprising:

2 computer readable code for mapping the data to a legacy telephony device resource.

1 42. (Unchanged) The computer program product of claim 29, wherein the web application is

2 an interface to a telephony device.

1 43. (Amended) An apparatus for web-based control of a legacy telephone system, comprising:  
2 *A8* a digital computer containing a communications circuit for enabling a legacy call server  
3 coupled to the telephone system to communicate with a web application;  
4 a circuit for using the web application to control the legacy call server;  
5 a circuit for enabling a legacy telephony device to communicate with the web application;  
6 and  
7 a circuit for using the web application to control the legacy telephony device.

1 44. (Unchanged) The apparatus of claim 43, wherein the circuit for enabling the legacy call  
2 server to communicate with the web application includes:  
3 a circuit for providing a communication channel between the legacy call server and the web  
4 application; and  
5 a circuit for translating data transferred between the legacy call server and the web  
6 application.

1 45. (Unchanged) The apparatus of claim 44, wherein the circuit for providing a communication  
2 channel includes:  
3 a circuit for using a user proxy server to control access to the legacy call server.

1 46. (Unchanged) The apparatus of claim 43, wherein the circuit for using the web application  
2 to control the legacy call server includes:

3 a circuit for sending a call control command to the legacy call server.

1 47. (Unchanged) The apparatus of claim 43, wherein the circuit for using the web application  
2 to control the legacy call server includes:

3 a circuit for sending a service control command to the legacy call server.

1 48. (Amended) The apparatus of claim 43, wherein the circuit for enabling a legacy telephony  
2 device to communicate with the web application includes:

3 a circuit for providing a communication channel between the legacy telephony device and  
4 the web application; and

5 a circuit for translating data transferred between the legacy telephony device and the web  
6 application.

1 A9 49. (Amended) The apparatus of claim 48, wherein the circuit for translating data transferred  
2 between the legacy telephony device and the web application comprises:

3 a circuit for converting web application data to a legacy telephony device data format; and

4 a circuit for converting legacy telephony device data to a web API data format.

1 50. (Unchanged) The apparatus of claim 43, further comprising:

2 a circuit for using a telephony device abstraction.

1 51. (Unchanged) The apparatus of claim 50, wherein the circuit for using a telephony device

2 abstraction includes:

3 a circuit for using an abstraction for a class of telephony devices.

1 52. (Unchanged) The apparatus of claim 43, further comprising:

2 a circuit for routing data transferred between the legacy telephony device and the web  
3 application; and

4 a circuit for arbitrating access to the legacy telephony device.

1 53. (Unchanged) The apparatus of claim 43, further comprising:

2 a circuit for providing a service plugin.

1 54. (Unchanged) The apparatus of claim 53, further comprising:

2 a circuit for providing an execution environment for the service plugin.

1 55. (Unchanged) The apparatus of claim 43, further comprising:

2 a circuit for mapping the data to a legacy telephony device resource.

1 56. (Unchanged) The apparatus of claim 43, wherein the web application is an interface to a  
2 telephony device.

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A10  
1 57. (Amended) A system for enabling a web application to control a legacy telephone system

2 comprising:

3 a web application for independently controlling a legacy call server coupled to the telephone  
4 system and a legacy telephony device;

5 a call server wrapper for enabling the web application to communicate with the legacy call  
6 server; and

7 a telephony device wrapper for enabling the web application to communicate with the legacy  
8 telephony device.

1 58. (Unchanged) The system of claim 57, wherein the call server wrapper comprises:

2 a communication channel between the web application and the legacy call server; and

3 a translator for data transferred between the web application and the legacy call server.

1 59. (Unchanged) The system of claim 57, wherein the telephony device wrapper comprises:

2 a communication channel between the web application and the legacy telephony device; and

3 a translator for data transferred between the web application and the legacy telephony device.

1 60. (Unchanged) The system of claim 59, wherein the telephony device wrapper further

2 comprises:

3 a telephony device abstraction.

1 61. (Unchanged) The system of claim 57, wherein the telephony device wrapper further  
2 comprises:

3 a mapping device for data communicated to the legacy telephony device.

1 62. (Unchanged) The system of claim 57, wherein the telephony device wrapper comprises:  
2 an arbitrator for regulating access to the legacy telephony device, and  
3 a router for data transferred between the telephony device and the web application.

1 63. (Unchanged) The system of claim 57, wherein the web application independently controls  
2 a call control function of the legacy call server.

1 64. (Unchanged) The system of claim 57, wherein the web application independently controls  
2 a service control function of the legacy call server.

1 65. (Unchanged) The system of claim 57, wherein the web application independently controls  
2 a user interface resource of the legacy telephony device.

1 66. (Unchanged) The system of claim 57, further comprising a user proxy for screening access  
2 to the call server wrapper.